

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B7/005 H04L1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 309 121 A (LUCENT TECHNOLOGIES INC) 7 May 2003 (2003-05-07) paragraph '0003! paragraph '0008! paragraph '0013!; figure 2 paragraph '0017! paragraph '0023! ----- EP 1 079 541 A (CIT ALCATEL) 28 February 2001 (2001-02-28) paragraphs '0007! - '0009! paragraphs '0013!, '0014! paragraph '0048!; figure 2 -----	1-38
A		1-38



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "Z" document member of the same patent family

Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

13/08/2004

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Information on patent family members

International Application No

'IB2004/001544

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 1309121	A	07-05-2003	US 2003087605 A1 EP 1309121 A1 EP 1437854 A2 JP 2003204298 A		08-05-2003 07-05-2003 14-07-2004 18-07-2003
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